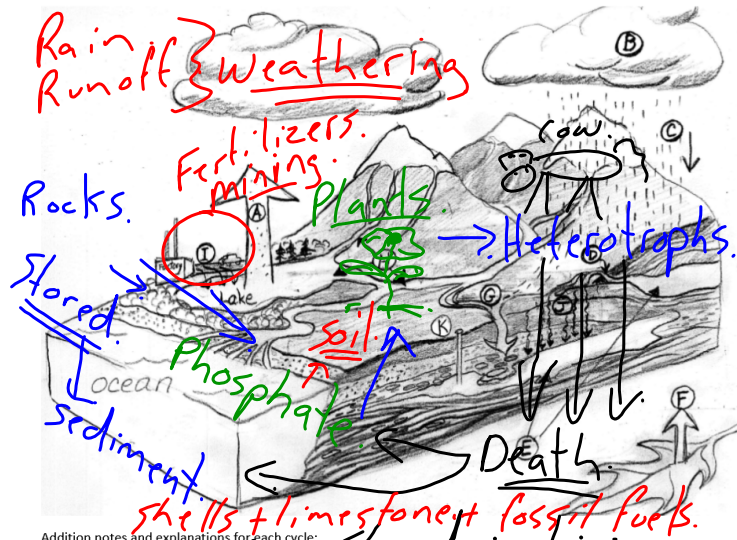


Name: \_\_\_\_\_

Use the diagram to help explain how each cycle works. Add sketches of plants or organisms, vocabulary terms and explanations to help create a cheat sheet for the unit test. Complete one for the Water cycle, carbon cycle, nitrogen cycle and phosphorous cycle or create your own diagram if you want.

Title

Phosphorous Cycle.

Addition notes and explanations for each cycle:

Stored in living  
bodies of plants and animals  
in ATP - Energy  
DNA - Genetics

Phosphorous is a limiting element that is required for the growth of plants. It is released from rocks through weathering and then stored in soil as phosphate. Plants then grow (photosynthesis) Heterotrophs then eat the plants. Both plants and animals store Phosphorous in ATP & DNA. After death Phosphorous returns to the soil and sediment of oceans. In the oceans, phosphate contributes to shells, then over millions of years to limestone and eventually to fossil fuels. Humans are changing this cycle via artificial fertilizers and mining. (Eutrophication)